

Product datasheet for **TP313162M**

DHX34 (NM_014681) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAH (Asp-Glu-Ala-His) box polypeptide 34 (DHX34), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213162 representing NM_014681 Red =Cloning site Green =Tags(s)

MPPPRTRREGDRRRDHHRAPSEEEALEKWDWNCPETRRLLLEDAFFREEDYIRQGSEECQKFWTFFERLQRF
QNLKTSRKEEKDPGQPKHSIPALADLPRTYDPRYRINLSVLGPATRGSSQGLGRHLPAERVAEFRALLHY
LDFGQKQAFGR LAKLQRERAALPIAQYGNRILQTLKEHQVVVAGDTGCGKSTQVPQYLLAAGFSHVACT
QPRRIACISLAKRVGFESLSQYGSQVGYQIRFESTRSAATKIVFLTVGLLLRQIQREPSLPQYEV LIVDE
VHERHLHND FLLGVLQRLLPTRPDLKVILMSATINISLFSSYFSNAPVVQVPGR LFPITVWYQPQEA EPT
TSKSEKLDPRPFLRVLESIDHKYPPEERGDLLVFLSGMAEISAVLEAAQTYASHTQRWVVLPLHSALSVA
DQDKVFDVAPP GVRKILSTNIAETSVTIDGIRFVVD SGKV KEMSYDPQAKLQRLQEFWISQASAEQRKG
RAGRTGPGVCFR LYAESDYDAFAPYPVPEIRRALDLSVLQMKSMVSGDPRTFPFIEPPPPASLETAILY
LRDQGALDSSEALTPIGSLLAQLPVDWVIGKMLILGSMFSLVEPVL TIAAALSVQSPFTRSAQSSPECAA
ARRPLESDQGD PFTLFNVFNAWVQVK SERSRNSRKWCRRRGIEEHRLYEMANLRRQFKELLEDHGLLAG
A
QAAQVGDSYSRLQQR RERRALHQLKRQHEEGAGRRRKVLR LQEEQDGGSSDEDRAGPAPP GASDGVDI
QD
VKFKLRHDLAQLQAAASSAQDLSREQLALLKLVLGRGLYPQLAVPDAFNSSRKDSQDIFHTQAKQGAVLH
PTCVFAGSPEVLHAQELEASNC DGSRDDKDKMSSKHQLLSFVSLLETNKP YLVNVCVRIPALQSLLFSRS
LDTNGDCSRLVADGWLELQLADSES AIRLLAASRLRLARWESALDRQLAHQAQQQLEEEEDTPVSPKEV
ATLSKELLQFTASKIPYSLRRLTGLEVQNMYVGPQTIPATPHLPGLFGSSTLSPHPTKGGYAVTDFLTYN
CLTNDTDLYSDCLRTFWTC PHCGLHAPLTPLERIAHENTCPQAPQDGP PGAEAALET LQKTSVLQRPYH
CEACGKDFLFTPTEVLRHRKQHV

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

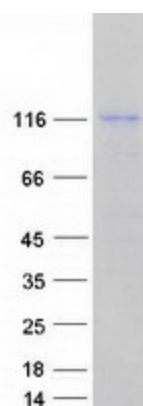
Tag:	C-Myc/DDK
Predicted MW:	127.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055496
Locus ID:	9704
UniProt ID:	Q14147
RefSeq Size:	4386
Cytogenetics:	19q13.32
RefSeq ORF:	3429
Synonyms:	DDX34; HRH1
Summary:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. It is mapped to the glioma 19q tumor suppressor region and is a tumor suppressor candidate gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DHX34 protein (Cat# [TP313162]). The protein was produced from HEK293T cells transfected with DHX34 cDNA clone (Cat# [RC213162]) using MegaTran 2.0 (Cat# [TT210002]).